

Synthetic Lubricant for Voith Retarders. VR Fluid RED S



VR Fluid RED S is a special red-coloured full-synthetic lubricant for Voith Retarders.

Lubricant acquires fundamental importance when speaking of Voith Retarders. All braking power is transmitted to the oil which is subject to high thermal and mechanical strain.

Continuous warming and cooling cycles are detrimental to the fluid which resistance and stability are essential for first-rate performances during all operating times.

VR Fluid RED S contributes substantially to preserve an excellent performances of Voith Retarders.

Chemical and physical features

Color	Red
SAE Viscosity grade	75W80
Density at 15° C	0.861 kg/l
Kinematic viscosity at 100° C	10.25 cSt
Viscosity index	144
Flash point (C.O.C)	220° C

Additives

- Exceptional seal compatibility
- High antirust and anticorrosive properties
- First-rate antifoam properties
- Mayor sludge control
- Mayor wear control

Synthetic bases

- Extreme thermal-oxidative stability
- Optimal cold flowing
- Excellent performance stability even under rigid working conditions
- Excellent viscosity stability

Maintenance (Oil change intervals by milage in km; but after 2 years at the latest)

	Bus	Truck
Profile 1	240 000 / 300 000* km	180 000 / 200 000* km
Profile 2	180 000 / 200 000** km	135 000 / 150 000* km
Profile 3	135 000 km	90 000 km / 100 000* km

* only for Retarders VR 115 E and VR 3250 applied on Evobus and Volvo Bus

** only for VR 3250

* only for Retarder VR 3250 applied on Volvo and Renault Trucks

Determination of applications category

Application profile	Total weight of vehicle	Application category
<ul style="list-style-type: none"> • Long-distance traffic • Long-distance passenger traffic • Distances covered on Interstates over 80 % • Climatic conditions similar to Central Europe 	up to 44 t	Profile 1
	up to 50 t	Profile 2
	over 50 t	Profile 3
<ul style="list-style-type: none"> • Regular services, distribution services, local passenger transport - stop & go • Distances covered on Interstates over 50 % • Share of time travelled in city traffic over 50 % 	up to 44 t	Profile 2
	up to 50 t	Profile 2
	over 50 t	Profile 3
<ul style="list-style-type: none"> • Areas with higher average outside temperatures than in Central Europe • Frequent use in altitudes above 1500 m above sea level • Distances with a high gradient share • Construction vehicles and timber trucks 	up to 44 t	Profile 3
	up to 50 t	Profile 3
	over 50 t	Profile 3

Approvals

Voith Retarder oil class C

Package & Code

VR Fluid RED S is available in the following packaging:		
Tank	q.ty 1 000l	Pn 301 505 186
Drum	q.ty 209l	Pn 301 505 185
Bucket	q.ty 25l	Pn 301 505 184
can	q.ty 5l	Pn 301 505 183

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